

### **REASONS FOR ALLOWANCE**

1. Claims 5, 7, 8, and 18-20 are allowed.
2. The prior art taken either singularly or in combination fails to anticipate or fairly suggest the limitations of the independent claim(s), in such a manner that a rejection under 35 U.S.C. 102 or 103 would be proper. The prior art fails to teach a combination of all the claimed features as presented in claim(s) 5, 7, 18, and 19, wherein the claimed invention comprises, in claim 5, wherein said bench is provided with rigidity by cast support struts integral with said base, said cast support struts being spaced to form at least a first support region and a second support region, said first support region having support struts spaced more closely together than the support struts of said second support region; in claim 7, at least one aperture cast into said bench being adapted to accept conduits therethrough for connection to components mounted on said bench; in claim 18, support struts spaced beneath said cast base to form a first region and a second region of said cast bench, said first region support struts spaced more closely together than the support struts of said second region; in claim 19, a main oscillator mounted on said kinematic mount components and a gain module mounted on said base at said second region, as claimed.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to BRANDI N. THOMAS whose telephone number is (571)272-2341. The examiner can normally be reached on Monday - Thursday from 6-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ricky Mack can be reached on 571-272-2333. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Scott J. Sugarman/  
Primary Examiner, Art Unit 2873

/Brandi N Thomas/  
Examiner, Art Unit 2873

BNT  
October 16, 2008